

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/16/2018

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL	32.48	31.56	30.67	31.06	29.45	31.78	30.75	28.22	25.82	26.57	28.12	37.86	42.47	48.58	58.24	75.77	296.56	353.83	284.89	111.50	136.90	55.92	33.24	43.19
61757	2.16	2.19	1.88	1.87	1.82	1.62	1.87	1.84	1.80	1.78	1.79	2.31	2.49	2.75	3.22	4.24	17.92	22.21	20.01	7.78	10.02	4.19	2.42	2.41
	0.00	0.00	-3.82	-4.32	-3.21	-8.74	-3.96	-2.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.13
CENTRL	31.01	29.89	25.57	25.49	24.88	22.21	25.46	24.08	24.41	25.26	26.90	36.33	40.98	49.97	56.56	79.47	284.36	338.69	270.14	105.92	129.16	52.51	31.13	32.57
61754	0.69	0.51	0.36	0.34	0.27	0.24	0.28	0.37	0.39	0.47	0.57	0.79	1.01	1.28	1.54	2.03	5.71	7.07	5.26	2.20	2.29	0.78	0.30	0.35
	0.00	0.00	-0.24	-0.27	-0.20	-0.55	-0.25	-0.18	0.00	0.00	0.00	0.00	0.00	-2.86	0.00	-5.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.57
DUNWOD	32.65	31.46	29.62	29.77	28.40	29.44	29.57	27.43	26.05	26.93	28.50	38.57	43.26	49.59	59.55	77.37	300.61	356.52	284.52	111.41	136.79	56.08	33.63	41.38
61760	2.34	2.09	1.71	1.59	1.53	1.33	1.61	1.71	2.03	2.14	2.17	3.03	3.29	3.76	4.53	5.84	21.97	24.90	19.64	7.68	9.91	4.34	2.80	2.78
	0.00	0.00	-2.93	-3.31	-2.46	-6.70	-3.04	-2.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.95
GENESE	30.78	29.54	25.11	24.98	24.31	21.64	24.87	23.51	23.81	24.67	26.44	35.69	40.42	46.51	55.96	72.83	281.90	336.22	267.86	105.22	127.48	51.44	30.41	31.83
61753	0.46	0.17	-0.05	-0.11	-0.25	-0.21	-0.25	-0.15	-0.21	-0.11	0.11	0.15	0.45	0.68	0.94	1.30	3.25	4.60	2.99	1.49	0.60	-0.29	-0.42	-0.27
	0.00	0.00	-0.19	-0.21	-0.16	-0.43	-0.20	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.45
H Q	29.66	28.42	24.19	24.11	23.71	20.79	24.27	22.73	23.28	24.01	25.55	34.46	38.75	43.55	53.37	69.35	270.81	322.54	257.26	100.64	122.99	50.08	29.84	30.64
61844	-1.03	-0.95	-0.78	-0.76	-0.69	-0.62	-0.71	-0.76	-0.74	-0.77	-0.77	-1.08	-1.22	-1.41	-1.65	-2.18	-7.83	-9.09	-7.62	-3.09	-3.89	-1.65	-0.99	-1.01
	-0.36	0.00	0.00	0.00	0.00	0.00	-0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	32.63	31.43	29.57	29.73	28.37	29.36	29.53	27.38	26.00	26.86	28.43	38.51	43.26	49.65	59.66	77.56	301.52	357.70	285.45	111.78	137.15	56.11	33.55	41.16
61758	2.31	2.06	1.70	1.59	1.54	1.34	1.61	1.69	1.98	2.08	2.11	2.97	3.29	3.82	4.64	6.03	22.88	26.07	20.57	8.05	10.28	4.38	2.73	2.68
	0.00	0.00	-2.89	-3.26	-2.43	-6.61	-3.00	-2.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.83
LONGIL	33.43	32.16	30.13	30.25	29.02	29.97	30.16	27.92	26.80	27.69	29.37	53.79	54.06	64.10	74.03	80.35	308.58	363.96	293.36	224.00	140.77	66.78	44.18	42.29
61762	3.11	2.78	2.22	2.06	2.15	1.84	2.19	2.20	2.78	2.91	3.05	4.31	4.66	5.36	6.50	8.64	29.93	32.34	26.16	10.61	13.90	5.87	3.85	3.67
	0.00	0.00	-2.93	-3.31	-2.47	-6.71	-3.04	-2.19	0.00	0.00	0.00	-13.94	-9.43	-12.91	-12.50	-0.19	0.00	0.00	-2.32	-109.67	0.00	-9.18	-9.50	-6.97
MHK VL	31.37	30.28	25.99	25.89	25.33	22.66	25.93	24.46	24.86	25.74	27.41	37.10	41.82	48.02	57.62	74.92	291.41	347.22	277.20	108.64	132.75	53.93	31.99	33.43
61756	1.06	0.90	0.72	0.69	0.68	0.57	0.70	0.72	0.84	0.96	1.09	1.56	1.85	2.19	2.60	3.40	12.77	15.59	12.32	4.91	5.87	2.20	1.16	1.11
	0.00	0.00	-0.29	-0.33	-0.25	-0.67	-0.30	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.67
MILLWD	32.65	31.45	29.62	29.79	28.40	29.48	29.56	27.42	26.02	26.90	28.49	38.58	43.31	49.69	59.70	77.61	301.64	357.75	285.47	111.77	137.16	56.17	33.63	41.43
61759	2.33	2.07	1.69	1.58	1.51	1.31	1.59	1.69	2.00	2.12	2.16	3.04	3.34	3.86	4.68	6.08	23.00	26.12	20.59	8.05	10.29	4.44	2.81	2.77
	0.00	0.00	-2.95	-3.33	-2.48	-6.75	-3.06	-2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.01
N.Y.C.	32.93	31.73	29.83	29.97	28.58	29.60	29.79	27.67	26.34	20.77	27.04	38.99	43.68	50.05	60.14	78.03	303.23	359.56	286.85	112.22	137.75	56.54	35.61	43.04
61761	2.61	2.36	1.92	1.78	1.71	1.48	1.83	1.95	2.32	2.47	2.53	3.45	3.71	4.22	5.12	6.50	24.59	27.94	21.97	8.50	10.88	4.82	3.20	3.16
	0.00	0.00	-2.93	-3.31	-2.47	-6.70	-3.04	-2.19	0.00	6.48	1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-1.58	-8.23	
NORTH	29.30	28.40	24.20	24.14	23.85	20.84	24.28	22.79	23.38	24.14	25.75	34.72	39.01	44.76	53.83	69.94	274.07	327.08	260.49	101.62	124.06	50.35	29.89	30.64
61755	-1.02	-0.98	-0.77	-0.73	-0.56	-0.58	-0.64	-0.74	-0.64	-0.64	-0.58	-0.82	-0.96	-1.07	-1.19	-1.59	-4.57	-4.54	-4.39	-2.11	-2.81	-1.39	-0.93	-1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	32.70	31.29	30.11	30.43	28.92	30.75	30.52	27.79	25.77	26.48	27.94	37.72	44.75	43.29	57.37	75.01	288.88	298.23	281.19	109.79	135.19	57.80	31.88	42.30
61845	2.01	1.92	1.66	1.63	1.59	1.40	1.67	1.69	1.75	1.70	1.62	2.13	2.18	2.32	2.71	3.48	14.61	17.49	15.86	6.07	8.32	3.74	2.31	2.40
	-0.36	0.00	-3.48	-3.93	-2.92	-7.94	-3.93	-2.57	0.00	0.00	0.00	-0.04	-2.60	4.86	0.36	0.00	4.38	50.89	-0.45	0.00	0.00	-2.33	1.26	-8.26

O H 61846	30.33 0.02 0.00	28.97 -0.40 0.00	24.72 -0.51 -0.25	24.61 -0.55 -0.28	23.89 -0.73 -0.21	21.35 -0.64 -0.57	24.41 -0.77 -0.26	23.17 -0.54 -0.19	23.33 -0.69 0.00	24.04 -0.74 0.00	25.68 -0.65 0.00	34.46 -1.08 0.00	38.90 -1.07 0.00	34.38 -1.11 10.34	53.74 -1.28 0.00	47.78 -1.66 22.09	268.31 -10.33 0.00	319.86 -11.77 0.00	254.82 -10.05 0.00	100.47 -3.26 0.00	121.80 -5.07 0.00	49.33 -2.40 0.00	29.32 -1.50 0.00	31.05 -1.19 -0.60
PJM 61847	31.87 1.19 -0.36	30.23 0.85 0.00	27.29 0.66 -1.65	27.32 0.58 -1.87	26.28 0.48 -1.39	25.61 0.41 -3.78	27.20 0.50 -1.78	25.43 0.70 -1.21	24.90 0.87 0.00	17.84 0.89 7.84	27.26 0.92 -0.02	36.78 1.24 0.00	41.37 1.39 0.00	50.25 1.70 -2.71	57.01 1.99 0.00	81.45 2.52 -7.40	285.46 6.82 0.00	338.84 7.21 0.00	270.04 5.16 0.00	105.96 2.24 0.00	72.42 2.84 57.30	34.28 1.32 18.78	30.64 0.84 1.03	32.42 0.93 0.16
WEST 61752	31.09 0.77 0.00	29.63 0.25 0.00	25.22 0.01 -0.24	25.09 -0.06 -0.28	24.34 -0.27 -0.20	21.73 -0.25 -0.55	24.84 -0.33 -0.25	23.55 -0.16 -0.18	23.74 -0.28 0.00	24.51 -0.27 0.00	26.26 -0.06 0.00	35.30 -0.25 0.00	39.92 -0.05 0.00	88.29 0.09 -42.37	55.26 0.23 0.00	164.03 0.36 -92.14	275.85 -2.79 0.00	328.70 -2.92 0.00	261.81 -3.07 0.00	103.27 -0.45 0.00	124.82 -2.05 0.00	50.48 -1.26 0.00	29.92 -0.91 0.00	31.62 -0.60 -0.58